



(19)

(11) Publication number: **04021446 A**

Generated Document

## PATENT ABSTRACTS OF JAPAN

(21) Application number: **02124233**

(51) Intl. Cl.: **B41J 2/01 B41J 29/00 B41M 5/00**

(22) Application date: **16.05.90**

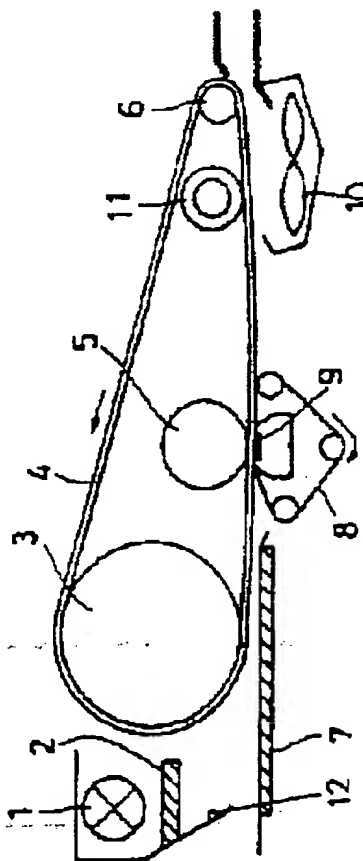
(30) Priority: (43) Date of application publication: <b>24.01.92</b> (84) Designated contracting states:	(71) Applicant: <b>CANON INC</b> (72) Inventor: <b>TAKEKOSHI NOBUHIKO</b> <b>MORIGUCHI HARUHIKO</b> (74) Representative:
--	---

### (54) **LIQUID EJECTION RECORDING DEVICE**

(57) Abstract:

**PURPOSE:** To enable satisfactory lamination processing so that a laminated layer can be fused to a recorded matter in a good condition by providing a constitution in which the laminated layer is thermally attached to the recorded matter under pressure stepwise by controlling temperature and/or pressure.

**CONSTITUTION:** A medium for recording for OHP consisting of a recording layer on a base and a laminated material layer formed on the recording layer is used. Next, a laminated layer is formed using the laminated material layer using both heating and pressure application techniques after recording in ink to make the layer transparent. The recorded matter supplied to a



heating/pressure application part is transported by a pressure attachment belt 4, and the ink is dried using a heater 7. At the same time, the transfer of the ink from the laminated material layer to the recording layer is promoted. After that, the laminated material layer is previously heated on condition that it does not become transparent. Next, the recorded matter is introduced into an area between a heat-resistant film and the pressure attachment roller 5. The absorbed ink is fixed satisfactorily using pressure and a fixing heater 9 and a transparent smooth laminated layer is obtained. Finally the laminated layer is cooled by a fan 10 and then is heated under pressure on condition that it is separated at a separation roller 6 position.

**COPYRIGHT: (C)**  
1992,JPO&Japio